

# **2021 CERTIFICATION**

Consumer Confidence Report (CCR)

PRINT Public Water System Name
OGGUOJ

List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION (Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of publication, water bill or other)	DATE ISSUED
∡Advertisement in local paper (Attach copy of advertisement)	6-22-22
□ On water bill (Attach copy of bill)	
□ Email message (Email the message to the address below)	
Other (Describe:)	
DIRECT DELIVERY METHOD (Attach copy of publication, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	
□ Distributed via E-mail as a URL  (Provide direct URL):	
□ Distributed via Email as an attachment	
□ Distributed via Email as text within the body of email message	
Published in local newspaper (attach copy of published CCR or proof of publication)	6-25-25
Posted in public places (attach list of locations or list here) County Courthouse Vardaman library	6-24-22
□ Posted online at the following address (Provide direct URL):	
CERTIFICATION	
I hereby certify that the Consumer Confidence Report (CCR) has been prepared and distributed to its custome the appropriate distribution method(s) based on population served. Furthermore, I certify that the information is correct and consistent with the water quality monitoring data for sampling performed and fulfills all CCR requof Federal Regulations (CFR) Title 40, Part 141.151 – 155.	contained in the report uirements of the Code
Name Name Makan Water Operator Title	Q - 24-22 Date
SURMISSION OPTIONS (Select one method ONLY)	

SUBMISSION OPTIONS (Select one method ONLY)

You must email or mail a copy of the CCR, Certification, and associated proof of delivery method(s) to the MSDH, Bureau of Public Water Supply.

Email: water.reports@msdh.ms.gov

Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700

Jackson, MS 39215

#### 2021 Annual Drinking Water Quality Report Atlanta Water System, Inc. PWS#:0090001 June 2022



We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies.

Our water source is from wells drawing from the Gordo Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Atlanta Water System, Inc. have received lower rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Charles Mahan at 662.983.0931. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are scheduled for the second Tuesday of the month at 7:00 PM at the Atlanta Fire Department.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

				TEST RESU	LIS				
Contaminant	Violation Y/N	Y/N Collected Detected # of Samples Me		Unit Measure -ment			MCL Likely Source Contaminatio		
Inorganic	Contam	inants							
8. Arsenic	N	2020*	2	1.5 - 2	ppb	n/a	10	Erosion of natural deposits; runof from orchards; runoff from glass and electronics production waste:	
10. Barium	N	2020*	.0344	.03410344	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
13. Chromium	N	2020*	5.3	4.8 – 5.3	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits	
14. Copper	N	2018/20*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbi systems; erosion of natural deposits; leaching from wood preservatives	

15. Cyanide	I N	2021	20	No Range	ppb	200	200	Discharge from steel/metal
roi Oyumuo	''		-	, to the light	PPS		-**	factories; discharge from plastic
								and fertilizer factories
16. Fluoride	N	2020*	9.22	.918922	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	1	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2020*	2.8	2.7 – 2.8	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Sodium	N	2021	188	184 - 188	ppm	20	C	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfection	on By-l	Products			30	ν.		
81. HAA5	N	2021	16	No Range	ppb	0	60	By-Product of drinking water disinfection.
Chlorine	N	2021	.6	.48	mg/l	0 MR	DL = 4	Water additive used to control

<sup>\*</sup> Most recent sample. No sample required for 2021.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

microbes

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Atlanta Water System, Inc. works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

## **Proof Of Publication**

### STATE OF MISSISSIPPI, **COUNTY OF CALHOUN**

Personally came before me, the undersigned, a Notary Public, in and for Calhoun County, Mississippi, Joel McNeece, Publisher of The Calhoun County Journal, a newspaper published in Bruce, Calhoun County, in said state, who being duly sworn, deposes and says that The Calhoun County Journal is a newspaper as defined and prescribed in Senate Bill No. 203 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858 of the Mississippi Code of 1942, and the publication of a notice, of which annexed copy, in the matter of

### ATLANTA WATER SYSTEM, INC. WATER QUALITY REPORT

has been made in said newspaper one time, towit:

On the 22 day of JUNE 2022

Sworn to and subscribed before me, this 22 day

of June, 2022.

Celia D. Hillhouse, Notary Public

Publisher

My commission expires February 18, 2023

**SEAL** 



				TEST RES	DILLO				
Contaminant	Victoriant Y/N	Outs Collected	Chescient	Pange of Detects or # of Samples Esconding MCLINGLANION	Unit. Measure -ment	MCLO	MCL		Library Source of Contemboration
Inorganio	Contan	ninants	7		7		THE STATES	100	CONTROL OF
al.Arrenc	M	2020	2	15-2	Day	20%	10	Employ of natural deposits; purch seem containing mostly from glass and disclorates production regular	
10. Baraco	н	2020*	_0344	ДЗ49 - ,0344	Don	- 4-1	2	Discharge of drilling wasten: discharge from metal retination; erosion of natural deposits	
15, Caromium	M	2020*	5.3	4.8 - 5,3	ρpb	100	100	Olacharge from steel and polip milti: entology of natural deposits	
14, Copper	N	2018/20	3	0	bbus	1.3	ALM3	Correctors of natural deposits Correctors of household plumblin systemic emission of natural deposits; leaching from wood preservations	

Chichne	N	2021	.6	A-A	molt	- 0	MR	2.04	Wysey additive used at control
II. HAAS	"	2021	10	Ms Range	pob		T	60	By-Product of drinking water distribution
Disinfecti	un By-				190		41		
DJ-1-6				-	Tallian I	16			T
	1"	2027	-	304 - 200	pps		20		Proof Self, Water Treatment Chamicals, Water Seffences and Sovage Effluence
Sodon	1	2020	2.8	27-25	ppi		50	*	Otscharge from perceicum and metal refineries; emoion of resur- singuist; discharge limb mions
17. Leed	"	2014/20	13		Dia.		0	ALA'I	Compains of household payeting systems, environ of natural deposits
	*	2020*	9.27	918 - 922	00				Eropium of natural dropoulta; scale addition which promotes strong health; discharge from fortitoer on attractions factories
15. Cyanica 16. Fluorida		2021	20	No Range	100		200	20	Discharge intro plectimetal factories, discharge true plastic and fertilizar factories

# **PROOF OF PUBLICATION**

# THE STATE OF MISSISSIPPI COUNTY CHICKASAW

Before the undersigned authority of said county and state, personally appeared before, clerk of a public newspaper published in the City of Houston, County of Chickasaw, State of Mississippi, called the Chickasaw Journal, who, being duly sworn, doth depose and say that the publication of the notice hereto affixed has been made in said paper for days, to-wit:
Vol. 11 No.35, on the 22 day of
Legal Ad Clerk
Sworn to and subscribed to this the
Commission Expires Feb. 5, 2026 Printer's Fee:

#### 2021 Annual Drinking Water Quality Report Atlanta Water System, Inc. PWS#:0090001 June 2022

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-		-		TEST RE	SULTS					
Contaminant	Violetion	Date Collected		Range of Detect # of Gampies Exceeding MCL/ACL/MRE	mpise Measure		MCL	Likely Source of Contamination		
Inorgani	c Contan	ninants			10				,	
ft. Arsonic	N	2020*	2	1.5 - 2	bbp.	n/a	10	Erosion of natural deposits; run from orchants; runoff from glas and electronics production was		
13. Chrumium	N	2020*	.0344	.0341 - ,0344	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits		
14. Copper	N	2020*	5.9	4.6 - 5.3	ppb	100	100	Discharge from areal and puts mills; erosion of natural deposits		
. оорры	, A	2016/20*	্য	O	ppm	1.3	AL=1,3	Corresion of h	Correction of household plumbin systems; erosion of netural deposits; leaching from world	
të. Cyanide	7	2021	20	No Range	aqq	200	200	factorios; disci	Discharge from steel/metal factories; discharge from plastic and fartilizer factories	
160			9.22	.916922	ppm	4	4	Erosion of nati additive which teeth: dischare	Erosion of natural deposits; wets additive which promotes atrong teeth; discharge from fertilizer as auminum fectorios:	
17. Lend 21. Solenium	N N	2018/20*	2.	0	टिवद	0	AL×15		noldmula biorteau	
Sodium	N	2020	2,8	2.7 - 2.8	ppb	50	50	metal refinario	n petroleum and e; erosion of natura large from mines	
essenti.	IN .	2021	188	104 - 186	ppm	20	0	Road Sat, Water Treatment Chamicals, Water Softeners and Sewage Effluents		
Disinfectio	on By-Pr	oducts								
IL HAAS	1820	1021	В	Yo Range F	pb	0	60	By-Product of an	nking water	
nionne	N 2	021	5	4 - ,B	ng/i	O MR	MRDL = 4 Water and		and to control	

We are required to monitor your attaking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not confident monitoring are an indicator of whether or

present, elevated levels of load can cause serious health problems, especially for pregnant women and young children. Load in drinking water is infriently from materials and components associated with service times and forms sharphing. Our water system is responsible for providing high quality including water, but denote control the variety of motorials used in pluming components. When your water has been attitude to the protection for feel exposure by flushing your use for 05 seconds to 3 minutes before using weter for distinger cooking. If you are concerned about 1se of the provided of the provide

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The Atlanta Water System, Inc., works around the clock to provide top quality water to every tap. We ask that all our custom sources, which are the heart of our community, our way of site and our children's future.